

AMENDMENTS TO THE CLAIMS

Claims 1-9 (cancelled)

10. (Currently amended) A method of inducing in a human a systemic immune response and a local immune response of IgA, IgG or IgM antibodies or B cells secreting said antibodies that is targeted at the ^{iliac and inguinal} rectogenitourinary mucous membrane and the lymph nodes which drain it; the method comprising parenterally administering to a human subject's thigh a composition comprising an immunogen of a pathogenic agent having a gateway into the rectal, genital and/or urinary mucous membranes in an amount effective to elicit said immune response.
11. (Previously added) The method according to claim 10, wherein the administering to the thigh is intramuscular.
12. (Previously added) The method according to claim 11, wherein the intramuscular administering is in the quadriceps.
13. (Previously added) The method according to claim 12, wherein the administering is in the right anterior muscle of the quadriceps.
14. (Previously added) The method according to claim 10, wherein the immunogen is from a pathogen selected from the group consisting of HIV, Herpes viruses, Candida species, chlamydia species, human papillomavirus, genital mycoplasmas, Treponema pallidum, and gonococcal infections.
15. (Previously added) The method according to claim 14, wherein the Herpes virus is Herpes simplex virus.